

ABSTRACT

A remote docking station which has a remote docking station body is disclosed. Within the remote docking station body, there is a power converter having
5 an input side, which is adapted to receive electrical power input from a power supply via a power input cable and a power input interface, and an output side configured to deliver electrical power at a desired power level to a computer via an output connector interface and a multipurpose interface cable. The remote docking station has at least one peripheral connector interface configured to receive input from a
10 peripheral device. The peripheral connector interface is in electrical communication with the output connector interface, such that electrical signals from the peripheral connector interface pass to the output connector interface. The multipurpose interface cable connects the output connector interface to the computer, thus the multipurpose interface cable delivers electrical power and electric signals from a peripheral device
15 to the computer. The multipurpose interface cable end may connect to a computer, such as a portable computer, via a single multipurpose connection interface or a plurality of conventional connection interfaces.